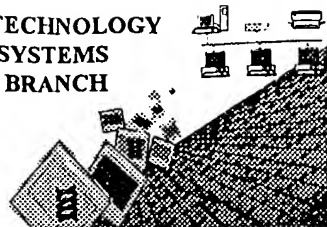


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/027,015
Source: 6/2/04
Date Processed by STIC: 6/2/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: <u>10/027,015</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <u> </u> Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <u> </u> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <u> </u> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <u> </u> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <u> </u> Variable Length	Sequence(s) <u> </u> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <u> </u> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <u> </u> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <u> </u> Skipped Sequences (OLD RULES)	Sequence(s) <u> </u> missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <u> </u> Skipped Sequences (NEW RULES)	Sequence(s) <u> </u> missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <u> </u> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <u> </u> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <u> </u> <u> </u> Use of <220>	Sequence(s) <u>1-6</u> missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <u> </u> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <u> </u> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



1600

RAW SEQUENCE LISTING

DATE: 06/02/2004

PATENT APPLICATION: US/10/027,015

TIME: 10:27:08

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\06022004\J027015.raw

3 <110> APPLICANT: Akella, Rama
5 <120> TITLE OF INVENTION: Compositions and Methods for Promoting Myocardial
6 and Peripheral Angiogenesis
8 <130> FILE REFERENCE: SBI-094
10 <140> CURRENT APPLICATION NUMBER: US 10/027,015
12 <141> CURRENT FILING DATE: 2001-12-21
14 <160> NUMBER OF SEQ ID NOS: 6
16 <170> SOFTWARE: Microsoft Word 97; Windows XP

ERRORED SEQUENCES

E--> 33 <210> SEQ ID NO: 7
35 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
E--> 39 <211> LENGTH:
W--> 39 <220> FEATURE:
W--> 39 <223> OTHER INFORMATION:
E--> 39 <400> SEQUENCE: 2
41 Gly Gly Ile Gly Asp Gly Gly
E--> 42 1 5
E--> 44 <210> SEQ ID NO: 3

Sequence Simply
Generated by the Reader

see following pages
for explanation
pp 2-3

10/027,015 2

SEQUENCE LISTING

<110> Akella, Rama

<120> Compositions and Methods for Promoting Myocardial
and Peripheral Angiogenesis

<130> SBI-094

<140> US 10/027,015

<141> 2001-12-21

<160> 6

<170> Microsoft Word 97; Windows XP

<210> 1

<211> 3

<212> PRT

<213> Artificial Sequence

<400> 1

Ile Gly Asp FYI:

1 →

<210> 2

<211> 7

<212> PRT

<213> Artificial Sequence

<400> 2

Gly Gly Ile Gly Asp Gly Gly

1

5

<210> 3

<211> 6

<212> PRT

<213> Artificial Sequence

<400> 3

Ile Gly Asp Ile Gly Asp

1

5

(explanation needed)

see item 11 on Error Summary Sheet

Please use space characters between amino acid numbers. Do not use TAB codes.

same error as above

same

10/027,015 3

<210> 4

<211> 6

<212> PRT

<213> Artificial Sequence

same

<400> 4

Ile Gly Asp Ile Gly Asp
1 5

<210> 5

<211> 4

<212> PRT

<213> Artificial Sequence

same

<400> 5

Ile Gly Asp Ser
1

<210> 6

<211> 4

<212> PRT

<213> Artificial Sequence

same

<400> 6

Ile Gly Asp Gln
1